

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A method for automatically using a service plan of a personal mobile phone over a phone embedded within a vehicle, the method comprising:

- 5 detecting the presence of the personal mobile phone;
- sending the mobile subscriber identification number from the detected phone to the embedded phone;
- sending the mobile subscriber identification number from the embedded phone to a wireless network authority;
- 10 sending an authentication request to the personal mobile phone via the embedded phone;
- authenticating communication;
- sending a confirmation of the authentication to the wireless network authority via the embedded phone; and
- 15 opening a communication session with the embedded phone based on the sent confirmation.

2. The method of Claim 1, wherein detecting the presence of the personal mobile phone is performed based on at least one of a Bluetooth link, an infrared wireless (IR) link, an 802.11 wireless network link, or a physical electrical wire link.

20 3. A phone embedded within a vehicle for automatically using a service plan of a personal mobile phone, the embedded phone comprising:

- an internal communication component for detecting the presence of the personal mobile phone, and receiving a mobile subscriber identification number from the detected phone; and
- 25 an external communication component for sending the received mobile subscriber identification number to a wireless network authority, and receiving an authentication request to the personal mobile phone via the embedded phone, wherein the internal communication component sends the authentication request to the personal mobile phone that generates an authentication signal,
- 30 the external communication component sends the authentication signal to the wireless network authority.

4. The embedded phone of Claim 1, wherein the internal communication component performs interaction with the personal mobile phone based on at least one of a Bluetooth

link, an infrared wireless (IR) link, an 802.11 wireless network link, or a physical electrical wire link.